

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|-------|---------------------|
| - | 8 | 5757758.pn. 5410563.pn. 6363038.pn. 6016301.pn. 6343058.pn. 6067283.pn. 6094308.pn. 5696750.pn. | USPAT | 2003/09/16 08:05 |
| - | 22553 | ((plural\$3 or multiple or two) near (laser or ((light or radiation) near (source or emitter)))) | USPAT | 2003/09/11 11:24 |
| - | 5911 | ((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength)) | USPAT | 2003/09/11 11:27 |
| - | 1932 | ((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength)) and (diffraction or hologram) | USPAT | 2003/09/11 11:28 |
| - | 2720 | ((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength)) and (diffraction or hologram or objective) | USPAT | 2003/09/11 11:30 |
| - | 204 | ((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength)) and (diffraction and hologram and objective) | USPAT | 2003/09/11 11:29 |
| - | 1066 | ((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength)) and (diffraction or hologram or objective) and optical and (head or pickup or pick-up or (pick adj up)) | USPAT | 2003/09/11 11:35 |
| - | 411 | ((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength)) and (diffraction or hologram or objective) and optical and (head or pickup or pick-up or (pick adj up)) and 369/\$7.ccls. | USPAT | 2003/09/15 09:47 |
| - | 1 | 6313956.pn. | USPAT | 2003/09/11 12:38 |
| - | 6 | 6404709.pn. 6067283.pn. 6207942.pn. 6366548.pn. 6084843.pn. 6385158.pn. | USPAT | 2003/09/11 13:14 |
| - | 11280 | (diffract\$4 same (first or (780\$3 and 650\$3) or second) same (laser or light or radiation)) | USPAT | 2003/09/11 13:18 |
| - | 1037 | diffract\$4 same (first or (780\$3 and 650\$3) or second) same (laser or light or radiation) same (first-order or ((first or 1st) adj order)) same (zero-order or ((zero or 0th) adj order)) | USPAT | 2003/09/11 14:39 |
| - | 3 | diffract\$4 same (first or (780\$3 and 650\$3) or second) same (laser or light or radiation) same (first-order or ((first or 1st) adj order)) same ((zero-order or ((zero or 0th) adj order)) near (all 100\$1)) | USPAT | 2003/09/11 13:23 |
| - | 8 | (diffract\$4 near (dvd 650\$3 635\$3)) and 369/\$7.ccls. | USPAT | 2003/09/11 14:25 |
| - | 2 | (refractive adj index) same wavelength same (natural adj number) same (groove near depth) | USPAT | 2003/09/11 14:30 |

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|---|-------|--|-------|------------------|
| - | 158 | ((refractive or reflective) adj index) same (lambda or wavelength) same (groove near depth) | USPAT | 2003/09/11 14:56 |
| - | 43 | ((refractive or reflective) adj index) same (lambda or wavelength) same (groove near depth)) and (diffract\$4 near grat\$3) | USPAT | 2003/09/11 14:39 |
| - | 7 | ((refractive or reflective) adj index) same (lambda or wavelength) same (groove near depth)) and (diffract\$4 same (first or (780\$3 and (650\$3 635\$3)) or second) same (laser or light or radiation) same (first-order or ((first or 1st) adj order)) same (zero-order or ((zero or 0th) adj order))) | USPAT | 2003/09/11 14:40 |
| - | 11 | ((refractive or reflective) adj index) same (lambda or wavelength) same (groove near depth)) and (diffract\$4 same (cd or 780\$3)) | USPAT | 2003/09/11 14:57 |
| - | 9 | ohyama-minoru.in. | USPAT | 2003/09/11 15:52 |
| - | 193 | (((((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength))) and (diffraction or hologram or objective)) and optical and (head or pickup or pick-up or (pick adj up))) and 369/\$7.ccls.) and hologram | USPAT | 2003/09/11 16:39 |
| - | 0 | (((((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength))) and (diffraction or hologram or objective)) and optical and (head or pickup or pick-up or (pick adj up))) and 369/\$7.ccls.) and (hologram near nonpolarization) | USPAT | 2003/09/11 16:40 |
| - | 0 | hologram near nonpolarization | USPAT | 2003/09/11 16:40 |
| - | 2 | hologram near (non-polar\$7 nonpolar\$7) | USPAT | 2003/09/11 16:42 |
| - | 78 | hologram near ((phase adj type) or phase-type) | USPAT | 2003/09/11 16:43 |
| - | 95 | (((((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength))) and (diffraction or hologram or objective)) and optical and (head or pickup or pick-up or (pick adj up))) and (step\$5 same grat\$3) | USPAT | 2003/09/12 15:25 |
| - | 48 | hologram near mark\$3 | USPAT | 2003/09/12 15:26 |
| - | 14 | (hologram near mark\$3) same (instal\$6 or align\$4) | USPAT | 2003/09/12 15:27 |
| - | 29469 | (nonpolar\$7 non-polar\$7 (non adj polar\$7)) | USPAT | 2003/09/12 15:38 |
| - | 6 | (nonpolar\$7 non-polar\$7 (non adj polar\$7)) near (hologram or diffract\$4) | USPAT | 2003/09/12 16:09 |
| - | 8 | (nonpolar\$7 non-polar\$7 (non adj polar\$7)) near (hologra\$4 or diffract\$4) | USPAT | 2003/09/12 16:09 |

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|---|-------|--|-------|---------------------|
| - | 30 | (((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength))) and (diffraction or hologram or objective)) and optical and (head or pickup or pick-up or (pick adj up))) and (hologram same ((\$8/4 quarter) wave adj plate)) | USPAT | 2003/09/12 16:26 |
| - | 5 | 6567353.pn. 6480455.pn. 6343058.pn. 5850380.pn. 5684762.pn. | USPAT | 2003/09/15 08:14 |
| - | 312 | (((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength))) and (diffraction or hologram or objective)) and optical and (head or pickup or pick-up or (pick adj up))) and (hologram) | USPAT | 2003/09/15 08:57 |
| - | 29 | (((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength))) and (diffraction or hologram or objective)) and optical and (head or pickup or pick-up or (pick adj up))) and (hologram near (phase or phase-type)) | USPAT | 2003/09/15 09:36 |
| - | 32 | (((plural\$3 or multiple or two or second) near (laser or ((light or radiation) near (source or emitter)))) and ((cd and dvd) or (780\$3 and 650\$3) or (different near wavelength))) and (diffraction or hologram or objective)) and optical and (head or pickup or pick-up or (pick adj up))) and (hologra\$5 near (phase or phase-type)) | USPAT | 2003/09/15 09:37 |
| - | 3514 | (laser near array) and (optical (head or pickup or pick-up or (pick adj up))) | USPAT | 2003/09/15 09:48 |
| - | 90 | (laser near array) and (optical (head or pickup or pick-up or (pick adj up))) and ((cd and dvd) or (780\$3 and (650\$3 or 635\$3))) | USPAT | 2003/09/15 10:09 |
| - | 18 | ((laser near array) and (optical (head or pickup or pick-up or (pick adj up))) and ((cd and dvd) or (780\$3 and (650\$3 or 635\$3)))) and 369/\$7.ccls. | USPAT | 2003/09/15 09:53 |
| - | 144 | ((laser near second) and (optical (head or pickup or pick-up or (pick adj up))) and ((cd and dvd) or (780\$3 and (650\$3 or 635\$3)))) and 369/\$7.ccls. | USPAT | 2003/09/15 10:12 |
| - | 31770 | photodetector | USPAT | 2003/09/15 12:41 |
| - | 1 | 5198916.pn. | USPAT | 2003/09/15 15:05 |
| - | 1205 | step\$5 near (grat\$3 or diffract\$4 or hologra\$4) | USPAT | 2003/09/15 15:20 |
| - | 260 | (step\$5 near (grat\$3 or diffract\$4 or hologra\$4)) and (head or pick\$1up or (pick adj up)) | USPAT | 2003/09/15 15:23 |
| - | 31 | ((step\$5 near (grat\$3 or diffract\$4 or hologra\$4)) and (head or pick\$1up or (pick adj up))) and 369/\$7.ccls. | USPAT | 2003/09/15 15:23 |
| - | 7 | mixed adj aberration | USPAT | 2003/09/15 16:56 |
| - | 1124 | (reference fiducial indicia) same (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3) same (holographic\$2 hologram doe hoe) | USPAT | 2003/09/16 12:14 |
| - | 1 | 6358764.pn. | USPAT | 2003/09/16 09:04 |

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| - | 1 | | USPAT | 2003/09/16 09:06 |
| - | 78 | wavelength near select\$3 near diffract\$3 | USPAT | 2003/09/16 10:09 |
| - | 16 | (wavelength near select\$3 near diffract\$3) and hologram | USPAT | 2003/09/16 10:10 |
| - | 22 | (wavelength near select\$3 near diffract\$3) and hologra\$4 | USPAT | 2003/09/16 10:10 |
| - | 95 | ((reference fiducial indicia) same (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3) same (holographic\$2 hologram doe hoe)) and (optical near (head pick\$1up (pick adj up))) | USPAT | 2003/09/16 11:49 |
| - | 12 | ((reference near (mark\$3 point\$3)) fiducial indicia) same ((instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3) near (holographic\$2 hologram doe hoe)) | USPAT | 2003/09/16 12:14 |
| - | 142 | coupling near optical near lens | USPAT | 2003/09/16 12:13 |
| - | 653 | ((reference fiducial indicia) same (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3) same (holographic\$2 hologram doe hoe)) and 359/\$7.ccls. | USPAT | 2003/09/16 12:14 |
| - | 728 | ((holographic\$2 hologram doe hoe) near ((mark\$3 positioner indicat\$3 indicia fiducial) or (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3 positioning))) and 359/\$7.ccls. | USPAT | 2003/09/16 12:17 |
| - | 14 | ((holographic\$2 hologram doe hoe) near (mark\$3 positioner indicat\$3 indicia fiducial)) same ((instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3 positioning) near (holographic\$2 hologram doe hoe)) and (359/\$7.ccls. or 369/\$7.ccls.) | USPAT | 2003/09/16 12:26 |
| - | 35 | ((holographic\$2 hologram doe hoe) near (mark\$3 positioner indicat\$3 indicia fiducial)) same (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3 positioning)) and (359/\$7.ccls. or 369/\$7.ccls.) | USPAT | 2003/09/16 12:27 |
| - | 7 | ((holographic\$2 hologram doe hoe) near (mark\$3 positioner indicat\$3 indicia fiducial) near (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3 positioning)) and (359/\$7.ccls. or 369/\$7.ccls.) | USPAT | 2003/09/16 12:27 |
| - | 30 | ((holographic\$2 hologram doe hoe) near (mark\$3 position\$3 indicat\$3 indicia fiducial) near (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3 positioning)) and (359/\$7.ccls. or 369/\$7.ccls.) | USPAT | 2003/09/16 12:35 |
| - | 118 | ((holographic\$2 hologram doe hoe) same ((mark\$3 position\$3 indicat\$3 indicia fiducial) near (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3 positioning))) and (359/\$7.ccls. or 369/\$7.ccls.) | USPAT | 2003/09/16 12:36 |
| - | 18 | ((holographic\$2 hologram doe hoe) same ((mark\$3 position\$3 indicat\$3 indicia fiducial) near (instal\$6 align\$4 assembl\$3 manufactur\$3 fabricat\$3 positioning))) and (359/\$7.ccls. or 369/\$7.ccls.) and (optical near (head pick\$up (pick adj up))) | USPAT | 2003/09/16 12:37 |